

# The GARZETTE

August, 2003

Volume 12, Issue 8



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## ***The President's View***

We are really doing great things as a club and I hope the energy and excitement keeps up. As long as we can keep providing interest for as many members as we can there should be lots to offer in the coming months ahead.

Our Field Day turnout was good and we had lots of visitors both hams and the public who came to see the festivities. Lasting impressions were made and I think we will see some future hams come out of it for sure.

For many of our members it was their very first Field Day and with plenty of food and non-alcoholic drink to go around and with everyone showing support you could see that all were enjoying themselves to the limit. Sure there were some flaws in the menu like lack of extra CW operators and poor conditions for propagation, but everyone enjoyed themselves to the limit so if you did not participate you missed out in a lot of fun and excitement.

I see nothing but a positive future for the GARS as we have an opportunity to grow as Gwinnett County is growing with an increase in the ham populous as well. Gwinnett County has been good to GARS down through the years and has supported our progress with leasing of various communication sites under a binding agreement at no cost to the club and has been one of our strongest points when looking at emergency communications for Gwinnett County residents. We were also fortunate in getting a warm reception to the Tower Ordinance passed by Gwinnett County to stop the proliferation of Cellular towers at the time and we got exempt from the ordinance up to 70 feet from 50 feet with no restrictions or permits. Through efforts of the GARS who had a committee, which I was honored to head, we made it easy for all hams in Gwinnett County to be able to put a tower up without any restraints. So being a member of the GARS is supporting your local rights to be recognized as a ham radio operator as the GARS is looking out for your interests.

Let us always try to remember the personal touch when someone comes to one of our club meetings that we don't know or who turn up on our repeater system. Extending a hand of welcome often means so much to the newcomer.

New blood is what makes the club achieve new heights and it is the new blood sometimes who is left to fetch for themselves so the more we get involved with someone new the more we learn from that person and it stimulates us to build new friendships.

I hope that each and every member will do all he or she can to provide the highest degree of support to the GARS as it takes a certain amount of dedication to make things happen and flow freely within and outside the club. Without member participation the club earns a negative rating and is seen by those on the sidelines looking for an active organization as weakness and they will pass us by.

Too often it is a minority who support a club no matter how large or small it is and it appears to be the norm but it does not mean that we the GARS need to settle for norm and we should flex our muscles more so others can see we are an exciting club who has a lot to offer all age

(Continued on page 5)

## The GARZETTE

*The GARZETTE* is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

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If possible, bring your articles to the monthly meeting in Microsoft Word format or by email to [garzette@gars.org](mailto:garzette@gars.org). Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submital can be arranged when necessary.

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The GARZETTE is published each month with the assistance of Hal Manning, who prints the news letter. Rick Patchin, KD4RFK does the final production work on *The GARZETTE* by folding & labeling. John A. Davis, WB4QDX, stamps and gets the end product to the Post Office each month. Paul McInnish, K4BET who manages email delivery. Many thanks to each of them and all article contributors.

Deadline for submissions is the 25th of each month for inclusion in the following month's issue.

For any additional information contact:

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All correspondence relating to articles posted in *The GARZETTE* or for information concerning advertising rates should be directed to the following address:

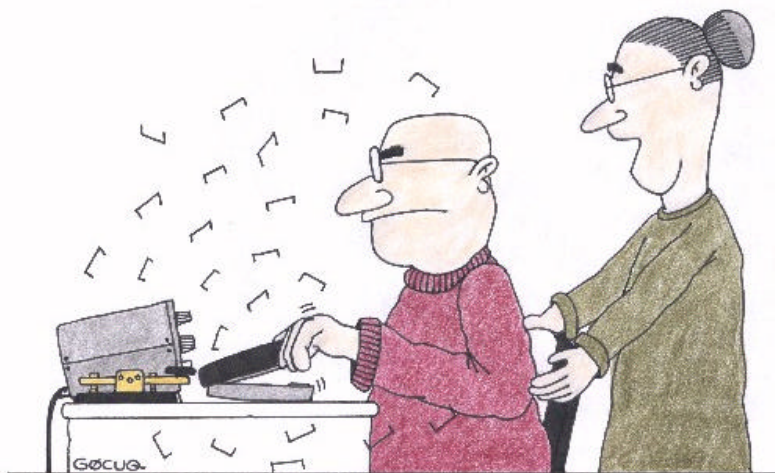
Gwinnett Amateur Radio Society  
P.O. Box 88  
Lilbum, GA 30048  
Attn: Newsletter Editor

## GARS MEETING MINUTES July 8, 2003

- Meeting was called to order by VP Carl.
- Mike Boatright, KO4WX gave a presentation on QRP.
- The tower will be sold by silent auction. Send your bid to the club post office box by August 7. Minimum bid is \$500.
- Nominations were taken to replace Bill Ahls as president:
  - Howie - W9HG
  - John - WB4QDX - Declined the nomination.
- Nominations were taken for activities chairman:
  - Ron - WE5O
- It was moved that the slate of nominations be accepted by acclamation. Passed
- Mike WB2SQS donated JVC speakers. They were sold for \$5.00 each.
- John WB4QDX reported there were no new members. We currently have 212 members. He has some hard line he will sell cheap.
- Dan - KF4YSU presented the financial statement. Accepted
- Minutes were accepted as published in the "Garzette".
- Sharon Carter asked for help with her school club. She needs people not money.
- Chris Johnson - KG4YDK first time attending a GARS meeting.
- Gordon said he had J-pole antennas for sale at \$25.00

*Submitted by:*

*Dan Keohan, KF4YSU  
GARS Club Treasurer*



'Leave my stapler alone! Go and get your other glasses!'

Reprinted with permission from OZ Magazine (published by the  
Experimentierende Danske Radioamatører in Denmark)  
and artist Gary Milton, G0CUQ



## August Birthdays

	Mary Reavis	3
WE5O	Ron Langston	7
KB6RRX	Doug Kregel	8
KG4FXG	William Carter	9
	Nathalie Klein	12
AF4FG	M. Earl Whatley	14
AG4FV	Donald Vick	14
KG4SRD	Emily Ivey	15
KD4CUY	John Merrill	16
KG4TTW	Albert Shuler	19
KD4GPI	Jeff Harrison	20
W4KXK	James Baker	22
KF4HRZ	Jan Huckaby	23
KG4HKO	Sharon Carter	23
KD4QB	Doyle Whiteaker	24
KG4SKK	Jamie Bruce	24
N9FWG	Mavis Plotz	24
N4WWU	Louis Manglass III	25
KD6LNP	Judy Perry	26
KE4YZS	Buddy Menshew	27
WB4PQQ	Walter Bryant	28
K4ILH	George Neville	29

For the latest club news, visit the  
GARS Website at:

[www.gars.org](http://www.gars.org)

## Club Calendar

- GARS Monthly club meeting is the 2nd Tuesday of the month at 7:30 PM. We meet at the First United Methodist Church in Lawrenceville.
- GARS Monthly exec meeting is the 2nd Tuesday of the month at 6:45 PM. We meet at the First United Methodist Church in Lawrenceville. Anyone interested is welcome to attend.
- Every Monday at 8 PM local time: GARS Want, Swap, Sell, and Information Net on the GARS 2 meter repeater
- Every Tuesday at 8 PM local time: GARS CW Practice Net with WE5O (not on 2nd Tuesdays)
- Every Wednesday at 9 PM local time: GARS 6 meter net on the GARS 6 meter repeater
- Every Saturday at 8AM local time: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- 24th of each month: Deadline for submittal of articles for the following month's GARZETTE

## GARS Elmers

Many of us Hams got interested in the hobby as a result of some influence and experienced Ham had on us. The GARS organization is blessed with a lot of talented members that are willing to share their knowledge. The following list is made up of those individuals willing to serve as Elmers. Hopefully, this list will grow, and in time, maybe we'll get more who are willing to add a particular area of expertise.

KF4KSE David Moon (770) 279-9924  
mobile radio installation

KG4IUM Andrea Hartlage (770) 963-2715  
making QSL cards

Bill Carter, KG4FXG, Mobile CW

### GENERAL INFORMATION:

WE5O Ron Langston (770) 569-8354

N1TWX Win Jackson (404) 869-1347

W4WKP Johnnie Fearon (770) 207-0020

WB2YAD Duane Reynolds

WB9JSW, Carl Plotz

K4MJK Mike Kovak

K4CB Carter Bennett (770) 923-5446

W4ADE Ade Wirth (770) 614-3743

K4HBI Mike Swiderski (770) 449-0369

W8KJM, Barney Barnes (APRS)

If you'd like to be a GARS Elmer, please email  
the editor of the Garzette at [garzette@gars.org](mailto:garzette@gars.org)  
or call 404-915-8380.

### CLUB OFFICERS

#### President

Howie Gould, W9HG

#### Vice President

Carl Plotz, WB9JSW

#### Secretary

J. Morgan Ringold, KG4PAN

#### Treasurer

Dan Keohan, KF4YSU

#### Activities Manager

Ron Langston, WE5O

### BOARD OF DIRECTORS

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Johnny Fearon, W4WKP

Marty Fowler, KE4MLH

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770-962-6129

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#### Field Day Chair

Harry Holmes, K4HJH

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(404)869-1347

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Mavis Plotz, N9FWG

#### QSL Manager

Ade Wirth, W4ADE

(770)614-3743

#### Webmaster

Brandon White, NB5E

#### Scholarship Chairman

Carter Wood, AG4LK

#### CW Net Manager

Ron Langston, WE5O

#### Technical Advisor

Mike Swiderski, K4HBI

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## 2003 Field Day is the Books

*Field Day photos courtesy of Ray Back and Greg Mauldin, AF4RZ*

2003 field day is over and in the books. This year turned out to be a real challenge. Although the weather did cooperate with us, Friday night was a rush to the wire as it started to rain when we left the site. Saturday threatened rain, but it passed us by and turned out to be a fantastic weekend at the park. Everyone pitched in and helped put everything together and we were off and running when Field day started. The bands were not in the greatest shape. After an hour or two we did some quick adjustments to a couple of antennas and we were back on the air. The adjustments made a lot of difference in our signal. The food was great this year as always. Field day is always a challenge and you never know who will show up to eat or watch a bunch of men run around throwing ropes and wires up in the trees. I think everyone who participated had a great time. I did. We had a lot of visitors come through the site, both hams and non-hams. Our total points for the weekend were 3,888. The number of contacts on the 10,15 meter band as well as the 20 meter cw band were down from previous years. However, this year we did make satellite contacts, which was a first for GARS. Practice, practice practice, that is what it is all about. There is always next year. Hope to see you then.

David  
KA4KKF



*Local Law Enforcement checking out the Field Day operation.*



*Ray Back working the hospitality tent.*



*Venture Crew73 getting acquainted with the 10M station.*



*Satellite operation...Although not the first year this mode was attempted, GARS made their first FD satellite contacts in 2003.*

## Special Election Results

After the nominations were received at the July meeting, a motion to accept the slate of candidates by acclamation was seconded and approved. The GARS membership elected new officers Howie Gould, W9HG President and Ron Langston, WE5O Activities Manager.

As a result of Howie's and Ron's election, their vacated term as Directors on the executive board need to filled. By appointment, the club's new Directors are Johnny Fearon, W4WKP and Marty Fowler, KE4MLH.

## President's View

(Continued from page 1)

groups from the young to the old, from the new licensee to the hard core genuine ham radio enthusiast who has built more equipment than you ever dreamed possible, and put up more antennas than in the book, and worked every country listed and made new ones so they could be worked. The GARS needs your support and you need to motivate yourself to be active. Don't sit on the sidelines, let others see your real you and what you can do for the club and for the hobby.

Support the next fund raiser in August with the Dog Show its an easy trip and lots of fun

See details elsewhere in this issue or ask an officer or committee person.

Until next time

Howie, W9HG

## August Meeting Program

Ron Langston, WE5O Activities Manager has on the schedule Carl Plotz, WB9JSW to present County Hunting. Come see how you can work 3,077 counties in the U.S.!



Mike Boatright, KO4WX presents QRP at the July meeting.

## "BPL is a Pandora's Box of Unprecedented Proportions," ARRL Tells FCC

*From The ARRL Letter, Vol. 22, No. 27  
July 11, 2003*

Citing the potential for interference to and from Amateur Radio, the ARRL has called on the FCC to "take no steps" to permit Broadband over Power Line (BPL)--a form of power line carrier (PLC) technology. In response to the FCC's BPL Notice of Inquiry (NOI) published May 23, the League this week filed a 120-page response--including studies. The NOI, which asked how the FCC should regulate the delivery of broadband services to homes and businesses using electrical wiring to conduct high-speed digital signals, attracted some 1900 comments--many from the amateur community--by the July 7 comment deadline.

"ARRL is unwilling to have the Amateur Service gored with the double-edged sword of an incompatible service that will at once (1) cause widespread interference, and (2) preclude any future changes in the amateur HF allocations," the ARRL said. The League said that based on "diligent and exhaustive research," it's concluded that BPL must avoid any and all amateur MF, HF and VHF allocations without exception.

The League said that while it's aware that current Part 15 rules permit BPL, its interference potential remains untested and unrealized, since no access BPL systems are in operation. BPL proponents would prefer that the FCC authorize even higher power levels for such systems, however.

"BPL is a Pandora's Box of unprecedented proportions," the ARRL declared. It asked the FCC to modify its Part 15 rules to prevent interference to users of the HF and low-VHF spectrum from the start and "to prevent consumers' reliance on BPL as an interference-free broadband delivery system."

Studies appended to the League's comments suggest received signal levels of BPL broadband noise at typical amateur stations would be anywhere from 34 dB to 65 dB higher than typical ambient noise levels in the worst-case situations. "BPL cannot be deployed using amateur allocations in the MF, HF and VHF bands without severely high interference potential," the ARRL reiterated.

Electric utility companies would operate many, if not most, BPL systems. ARRL pointed out that some power companies have demonstrated a less-than-stellar record of cooperation in resolving complaints of power line noise to hams. "It is a very substantial problem now for the Amateur Service, without the addition of BPL to the mix," the League said.

The ARRL concluded by urging the FCC to ensure that BPL "is not permitted to operate in or near any Amateur Radio allocations" and that any future changes in ham allocations would "trigger retroactive modifications to BPL facilities" to avoid amateur frequencies.

ARRL's comments and additional information are available on the ARRL Web site <<http://www.arrl.org/announce/regulatory/et03-104/>>.

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## Line Loss Calculators

By Norm Schklar  
July 23, 2003

Someone asked about calculating power line loss and I thought you might find these interesting:

### Power line Loss

[http://www.electrician.com/vd\\_calculator.html](http://www.electrician.com/vd_calculator.html)

### Coax Loss

<http://www.timesmicrowave.com/cgi-bin/calculate.pl>

### Ohm's Law

<http://www.angelfire.com/pa/baconbacon/page2.html>

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## Georgia Training Net

From the Georgia Section ARRL web page  
<http://www.qsl.net/arrl-ga/>

The Georgia Training Net is a Morse code training net and meets to train traffic handlers and to pass traffic as part of the ARRL National Traffic System. The net offers training in Basic, Advanced, NCS, Liaison and Instructor training. For more information contact the Net Manager Bill Carter, KG4FXG at [kg4fxg@arrl.net](mailto:kg4fxg@arrl.net).

The GTN meets daily at 9PM (Eastern local) on 3702 KHz and offers training courses and certificates for completing courses in Basic, Advanced, NCS, Liaison, and Instructor.

Hiram Percy Maxim, W1AW, formed the first training nets to help him to get parts for radios that he couldn't get by direct contact, or from local sources where he was at the time. So, the Georgia Training Net uses some training material that goes back to the start of Amateur Radio and the National Traffic System--it's a little piece of history that continues on today. For more info on the GTN, check their webpage at [www.qsl.net/ad4dx/indexG.html](http://www.qsl.net/ad4dx/indexG.html).

## Radio History is Made at WRC-03 with 7-MHz Realignment Compromise

From The ARRL Letter, Vol. 22, No. 27  
July 11, 2003

In a historic move, delegates to World Radiocommunication Conference 2003 (WRC-03) agreed to move broadcasters out of 7100 to 7200 kHz in Regions 1 and 3 to make room for the Amateur Service. International Amateur Radio Union (IARU) Secretary--and ARRL CEO--David Sumner, K1ZZ, said the "carefully crafted compromise" calls for broadcasters to vacate 7100 to 7200 kHz by March 29, 2009. Amateurs in the US and the rest of Region 2 will continue to enjoy the 7000 to 7300 kHz band they now have, and eventually with greatly reduced broadcasting interference.

The compromise marked the first time in the history of internationally coordinated radio spectrum allocation that an HF broadcasting band was shifted to accommodate the needs of another service. It cuts in half the incompatibility between amateur and broadcasting use of the 7 MHz band and doubles the 40-meter spectrum available to amateurs in Regions 1 and 3.

While the result falls short of the IARU's goal of a 300-kHz worldwide exclusive band for amateurs, the cooperation of broadcasters, opposing delegates and many others was required to make a positive step for ham radio. Spectrum between 4 and 10 MHz is on the agenda for WRC-07, but the next conference will not consider further changes to 7000-7200 kHz.

As expected, WRC-03 also dropped the international Morse code requirement for HF access, leaving individual countries to decide if they want to retain a code proficiency requirement (Switzerland already has dropped the requirement). In addition, the conference adopted a number of improvements to other international regulations for the Amateur Service. Delegates also agreed to allow a secondary allocation for satellite borne synthetic aperture radars at 70 cm and, in an Article 19 change, made amateur call sign assignments more flexible.

Michael Owen, VK3KI, a member of the IARU team at Geneva, has provided a detailed explanation of Article 25 changes in the article "New Regulations for the Amateur Services." It's available on the IARU Web site  
<<http://www.iaru.org/rel030703att3.html>>.

More than 2600 delegates and other participants attended the four-week-long conference, chaired by Dr Veena Rawat of Canada. For WRC-03, the IARU fielded its largest team of observers at an ITU conference in more than a decade. In addition to Sumner and Owen, the team--led by IARU President Larry Price, W4RA--included Bob Jones, VE7RWJ; Wojciech Nietyksza, SP5FM, and Ken Pulfer, VE3PU. More than a dozen other amateurs were present on national delegations or in other roles for the IARU, its regional organizations and member-societies.

Changes to Articles 19 and 25 took effect on July 5, 2003. In general, the other Final Acts take effect on January 1, 2005.

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## Additional Cosponsors Sign Aboard Amateur Radio Spectrum Protection Act

*From The ARRL Letter, Vol. 22, No. 28  
July 17, 2003*

Additional cosponsors have signed aboard the Amateur Radio Spectrum Protection Act of 2003. Identical versions of the measure, an ARRL initiative, have been introduced in both the US House and Senate. The House version, HR 713, now has 44 cosponsors, while the Senate version, S 537, has five. Now on their third try on Capitol Hill, both measures would require the FCC to provide "equivalent replacement spectrum" to Amateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs.

Florida Republican Rep Michael Bilirakis filed the House version of the bill, HR 713, on February 12. The measure's most recent cosponsors include US representatives JD Hayworth (R-AZ), Paul Gillmor (R-OH), Greg Walden, WB7OCE, (R-OR), Rick Boucher (D-VA), John M. Spratt Jr (D-SC), Sherwood L. Boehlert (R-NY), Robert Wexler (D-FL), Mike McIntyre (D-NC), Ken Calvert, (R-CA), Joe Wilson (R-SC), John T. Doolittle (R-CA), Neil Abercrombie (D-HI) and Frank Pallone Jr (D-NJ).

Idaho Sen Michael Crapo introduced the Senate version of the bill on March 6. Original cosponsors were senators Daniel Akaka (D-HI) and Larry Craig (R-ID). Other S 537 cosponsors are US senators Conrad Burns (R-MT), Sen Susan M. Collins (R-ME) and Max Baucus (D-MT). Burns chairs the Senate Communications Subcommittee.

ARRL President Jim Haynie, W5JBP, continues to encourage ARRL members to urge their senators and representatives and to cosponsor the bills, which lends support to legislation while it's in committee. The House bill has been referred to the Subcommittee on Telecommunications and the Internet; the Senate bill will be considered by the Commerce, Science and Transportation Committee. According to Haynie, letters and e-mails are the key to getting legislation passed.

A sample letter is available on the ARRL Web site <<http://www.arrl.org/govrelations/arspa.html>>. Those writing their lawmakers are asked to copy their correspondence to the League via e-mail <[specbill03@arrl.org](mailto:specbill03@arrl.org)>.

On June 11, Haynie testified on Capitol Hill on behalf of HR 713. He was the last of 11 scheduled witnesses to speak during the Subcommittee on Telecommunications and the Internet hearing, "The Spectrum Needs of Our Nation's First Responders." Haynie told the subcommittee that hams have lost more than 100 MHz of VHF and UHF spectrum over the past 15 years and that another nearly 360 MHz of VHF and UHF spectrum "has been substantially compromised."

The text of HR 713 and S 537 is available via the Thomas Web site <<http://thomas.loc.gov/>>.



## See You on 60! Five Channels Now Open for Use

*From The ARRL Letter, Vol. 22, No. 27  
July 11, 2003*

US amateurs had been counting down the weeks, days and hours. Now, the five new 60-meter channel center" frequencies -- 5332, 5348, 5368, 5373 and 5405 kHz--are available! Given the constraints imposed on the five lightly used government frequencies, ARRL advises members to demonstrate their best operating behavior and to use common sense when operating under the new rules. The channelized domestic, secondary allocation at 5 MHz marks the first new HF amateur band since the 1980s.

The only legal mode is upper sideband voice (USB), with a maximum bandwidth of 2.8 kHz (centered within each channel). On July 3, the first day the band was available, hundreds of operators opened up on one of the channels to grab their first contacts. The friendly free-for-all took place on a fairly level playing field, however, since the FCC has imposed a 50 W effective radiated power (ERP) limit. The new FCC rules--§97.303(s)--define this as the transmitter output in peak envelope power (PEP) multiplied by antenna gain relative to a half-wave dipole or the equivalent calculation in decibels. The Commission presumes that a half-wave dipole on the 5 MHz allocation has a gain of 0 dBd.

Licensees using antennas other than a half-wave dipole must maintain in their station records either manufacturer data on the antenna gain or calculations of the antenna gain. The bottom line for most hams will be to erect a wire dipole, set their transmitter to 50 W PEP output and enjoy the new band.

For more information, see the 60-Meter FAQs posted on the ARRL Web site <<http://www.arrl.org/FandES/field/regulations/faq.html>>.

Amateurs in the US and the United Kingdom share one 5-MHz channel--5405 kHz. While it's legal for US hams to work UK amateurs--and some transatlantic contacts already have been reported--the RSGB 5 MHz Working Group says UK hams are on the band specifically as part of propagation and equipment experiments, not to make general contacts.

## Morse code requirement eliminated in two countries

*From The ARRL Letter, Vol. 22, No. 29  
July 25, 2003*

World Radiocommunication Conference 2003 (WRC-03) made optional the requirement to prove the ability to send and receive Morse code to operate below 30 MHz. While Morse exam elements remain on the books in the US, Canada and elsewhere, Switzerland and the United Kingdom have apparently become the first countries to delete their Morse requirements for HF operation. In the US, however, the FCC is unlikely to act on its own motion to simply make the Morse testing requirement go away.

## ARRL Board Requests Policy Recommendations to Implement WRC-03 Results

*From ARRL Bulletin 50  
June 27, 2003*

The ARRL Board of Directors has called on ARRL Chief Executive Officer David Sumner, K1ZZ, General Counsel Chris Imlay, W3KD, and the ARRL Executive Committee to develop ARRL policy recommendations for an FCC filing to implement the results of World Radiocommunication Conference 2003 (WRC-03). ARRL President Jim Haynie, W5JBP, chaired the July 18-19 Board session in Windsor, Connecticut.

"The League, as the Amateur Radio representative in the United States, will, through its democratic process, review input from its members as to the impact and implementation of these results to the Part 97 rules," a Board resolution declared. A report on the policy recommendations is due next January. The Board expressed gratitude to the IARU and ARRL WRC-03 team for its "tireless and dedicated efforts in promoting Amateur Radio" and congratulated it for achieving the IARU's goals at the month-long international conference, which wrapped up in Geneva July 4.

Delegates to WRC-03 reached a compromise on a 200-kHz worldwide allocation--7000 to 7200 kHz--effective in 2009, with no change to the existing 300-kHz allocation in the US or elsewhere in Region 2.

The conference also eliminated the requirement that amateur applicants prove Morse code proficiency to operate below 30 MHz, leaving it up to individual administrations to retain or drop Morse as an exam element. WRC-03 decisions also resulted in changes affecting international third-party traffic, guidelines for standards of competence of amateur licensees, and recognition of the licenses of visiting amateurs.

The Board also implemented some recommendations of the wide-ranging Final Report of the Volunteer Resources Committee to the ARRL Board of Directors--an Evaluation of the ARRL's Field Organization. The committee, chaired by ARRL Midwest Division Director Wade Walstrom, W0EJ, concluded that the state of the ARRL Field Organization is "fair," but not sufficient to meet the League's obligation to provide emergency communications, especially at the national level.

In light of the report, the Board called for a comprehensive system to enhance the communications capabilities of the Amateur Radio Emergency Service (ARES). There are situations, the Board said--especially given the League's new Citizen Corps partnership with the Department of Homeland Security--when ARES "must have the capability to pass traffic across the nation quickly and accurately."

The Board also called on all 71 Section Emergency Coordinators to develop, implement and maintain a comprehensive Section Emergency Plan by year's end. Additionally, the Board asked Sumner to formally establish leadership training courses as a part of routine Section

Manager orientation.

In response to the so-called "Minute 56" report initiated at last July's meeting, the Board voted to initiate a process to revise ARRL band plans for amateur allocations between 902 MHz and 24.25 GHz.

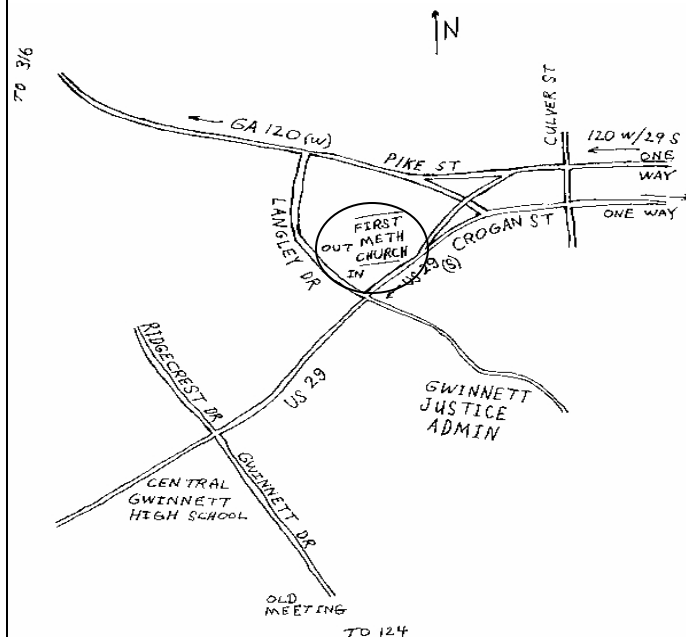
"New band plans will be developed using as a goal the full amateur deployment of each band," the Board said. The Board voted unanimously to authorize President Haynie--with assistance from Imlay and Technical Relations Manager Paul Rinaldo, W4RI, "to explore specific terms of expanded partnering plans with the National Public Safety Telecommunications Council (NPSTC). Such cooperation could involve greater integration of amateur operation in the bands from 902 MHz to 24.25 GHz in public safety and homeland security communications."

Citing the Amateur Radio tradition of Elmering (mentoring) new and prospective amateurs, the Board okayed a resolution instructing the VRC to develop two or more viable options for an ARRL Volunteer Mentor program that would provide for "the promotion, support and growth of mentoring in Amateur Radio." The VRC is to present its options at the Board's January meeting.

Additional details are on the ARRL Web site. The minutes of the July ARRL Board of Directors meeting will be posted on the ARRL Web site as soon as they are available.



### Club Meeting Site Lawrenceville First United Methodist Church







**Gwinnett Amateur Radio Society**  
**P.O. Box 88**  
**Lilburn, GA 30048**

# MEMBERSHIP APPLICATION

- ☐ **NEW MEMBER**  
☐ **RENEWAL**

## GARS USE ONLY

Date App Rcvd \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Pmt Rcvd \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Payment Amt \$ \_\_\_\_\_

Mem Appr \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Database \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Amateur Call Sign \_\_\_\_\_ License ☐ **Class** ☐ Novice ☐ Technician General

☐ Advanced ☐ Extra

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ - \_\_\_\_\_

Email address \_\_\_\_\_

Home Telephone \_\_\_\_\_ Work Telephone \_\_\_\_\_

Cell Telephone \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (mm/dd/yy)

ARRL Member Yes No Life

Interests \_\_\_\_\_

I prefer to receive the GARZETTE newsletter by: US Mail Email (please check only one)

### Type of Membership

- ☐ Individual \$30.00 annually  
☐ Student \$15.00 annually  
☐ Senior \$15.00 annually (over age 65)  
☐ Family \*\* \$35.00 annually  
 \*\* Available for family members residing at the same address

### Optional Contributions

Repeater Fund \$ \_\_\_\_\_

Scholarship Fund \$ \_\_\_\_\_

### Additional Family Members \*\*

Name \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (mm/dd/yy)

License Class Technician General Extra ARRL Member Yes No Life

Interests \_\_\_\_\_

Name: \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (mm/dd/yy)

License Class Technician General Extra ARRL Member Yes No Life

Interests \_\_\_\_\_

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature \_\_\_\_\_ Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

### **Metro Atlanta Club Meetings**

#### **First Tuesday**

#### **Kennehoochee ARC**

First United Methodist Church in  
Marietta

Meeting begins at 7:30 PM  
Talk In 146.880(-)

#### **Second Monday**

#### **Georgia Tech ARC**

Room W218  
Van Leer Electrical Engineering  
Bldg.

Georgia Tech Campus  
Meeting at 7:00 PM

#### **First Thursday**

#### **Atlanta Radio Club**

Georgia Red Cross HQ  
1955 Monroe Dr., Atlanta

Meeting is at 7:30 PM  
Talk In -146.820(-)

#### **N.E. Georgia ARC**

209 Athens St.

Jefferson

Meeting is at 7:00 PM

Talk In - 147.225(+)

PL 123.0

#### **North Fulton Amateur Radio League**

Southern Skillet

1037 Alpharetta St., Roswell

Dinner at 6:30 PM, meeting at 7:30  
PM

Talk In - 145.47(-)

#### **Second Thursday**

#### **Alford Memorial Radio Club**

Annistown Road Baptist Church  
Intersection of Annistown Rd &

Spain Rd

Stone Mountain

Dinner at 6:00 PM

Meeting at 7:30 PM

Talk In - 146.760(-)

#### **First Saturday**

#### **North GA QRP Club**

Wieuca Baptist Church on  
Peachtree Rd/Wieuca, 10 AM

### **Metro Atlanta VE Exam Schedule**

**GARS** publishes Metro Atlanta area VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at [www.qsl.net/arrl-ga](http://www.qsl.net/arrl-ga).

#### **First Sunday, Even Months**

WCARS VEC

2:00 PM

Johnson High School 3305 Poplar  
Springs RD, Gainesville Terry Jones,  
W4TL (770)967-6364

#### **First Saturday, Even Months**

9:00AM

EOC Building

Butch Nitz, AF4FS (770) 968-8780

#### **Second Tuesday**

7:00PM

Walton EMC

3645 Lenora Church Rd, Snellville

Wayne Taylor, WD4CCA

(770)498-7759

#### **Second Saturday, Odd Months**

CA VEC

8:30 AM

Stone Mountain Methodist Church

5312 West Mountain St.

Stone Mountain

Bob Verone, W4ETN

(770)978-3179

#### **Third Saturday**

CA VEC

9:00AM

Marietta First United Methodist  
Church Room 305, 56 Whitlock Ave  
Marietta

David Still, WB4RRD

(770) 973-2566

#### **Fourth Tuesday**

ARRL VEC

7:00 PM

United Way Service Center  
6279 Fairburn Road, Douglasville

Jessie Clower, KB4WFK

(770)942-6466.

#### **Fourth Friday**

W5YI VEC

7:00 PM

St. John Neumann Church

801 Tom Smith Road Lilburn

Headphones Provided! Howie Gould,

W9HG (770)921-8362

#### **Fourth Sunday**

2:30 PM

Georgia Tech Student Center  
Room 301

David Ziskind, KE4QLH

(404) 966-6864

### **GARS Communication System**

#### **6 Meter Repeater**

53.110 (-1 MHz)

82.5 PL Tone

#### **2 Meter Repeater**

147.075(+) MHz

82.5 PL Tone

#### **70 Cm Repeater**

444.525(+) MHz

82.5 PL Tone

#### **APRS**

144.390 -- 1200 Baud

W4GR/Relay

#### **Main Repeater Site**

Oak Street, Lawrenceville

#### **Backup Repeater Site**

Lanier Mountain, Snellville

#### **Remote Receive Sites**

Bogan Road\*, Buford

Goshen Springs Road, Norcross

Lanier Mountain, Snellville

\*Indefinitely off-the-air



## GWINNETT COLLISION CENTER, INC.

305 Sharon Ind. Way  
Suwanee, Georgia 30024  
945-0161

Import and Domestic  
Unibody and Frame Repair

Marty Fowler, KE4MLH

Mark Justice

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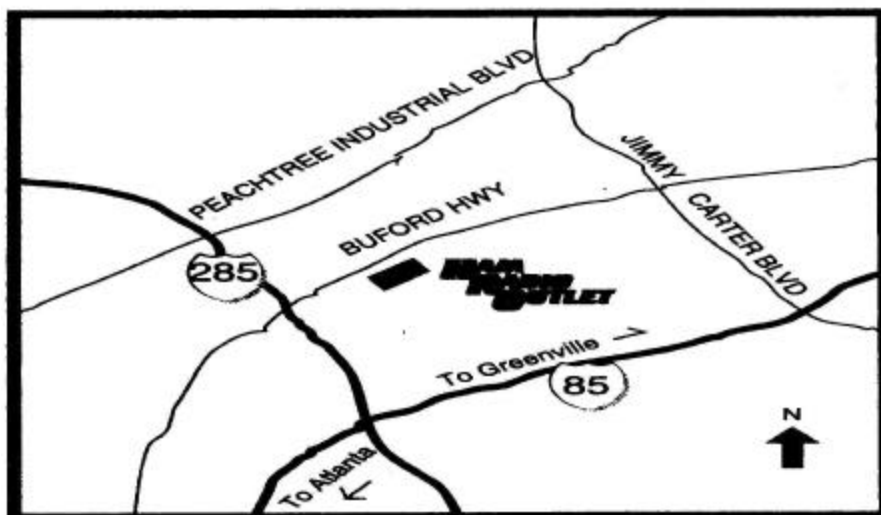


# HAM RADIO OUTLET

**Mark Holmes**  
Manager  
KJ4VO

6071 Buford Hwy.  
Atlanta, GA 30340 (Doraville)  
770-263-0700, 1-800-444-7927  
Fax 770-263-9548

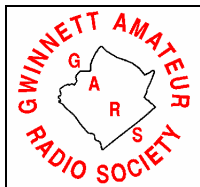
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**ATLANTA, GA 30340**  
6071 Buford Hwy.  
Doraville, 1 mi. north of I-285  
(770) 263-0700  
(800) 444-7927  
24 Hour FAX (770) 263-9548  
Email: atlanta@hamradio.com

Mark KJ4VO Mgr  
David KE4VDH  
Smitty W4MMS  
David KE4QME  
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Mike N4MLB  
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Butternut  
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Cushcraft  
Diamond  
Force 12  
Hustler  
Hy-Gain (Telex)  
KLM  
Larsen  
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Premier  
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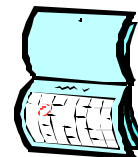
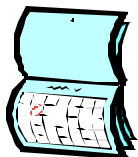


Gwinnett Amateur Radio Society

PO Box 88

Lilburn, GA 30048

To receive the **Garzette** via  
email...contact John A. Davis  
WB4QDX [wb4qdx@gars.org](mailto:wb4qdx@gars.org)



### **August 2003**

12th 6:45pm Executive  
Committee

12th 7:30pm GARS Club  
Meeting

22nd VE Session

### **September 2003**

9th 6:45pm Executive  
Committee

9th 7:30pm GARS Club  
Meeting

26th VE Session

### **October 2003**

14th 6:45pm Executive Com-  
mittee

14th 7:30pm GARS Club  
Meeting

24th VE Session